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Lisa J. Ehaney
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2-17-04
Date

Attorney Docket No. 282.028

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: PARK ET AL.

Art Unit: 1723

Serial No.: 10/664,300

Examiner: not yet assigned

Filing Date: September 17, 2003

Confirmation No.: 4581

Title: REMOVAL OF ARSENIC AND OTHER ANIONS USING NOVEL ADSORBENTS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is being submitted under 37 CFR §1.97(b). Enclosed is a copy of the International Search Report showing the references which were cited during prosecution of corresponding International Application No. PCT/US03/29313. Applicants submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicants are aware, which applicants believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR §1.56.

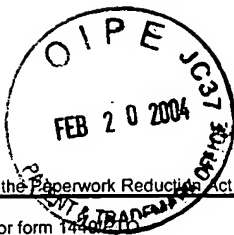
It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

Mathew E. Corr
Registration No. 45,434

Dated: Feb 17, 2004

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/664,300
				Filing Date	September 17, 2003
				First Named Inventor	Park et al.
				Art Unit	1723
				Examiner Name	not assigned
Sheet	1	of	3	Attorney Docket Number	282.028

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	WASAY ET AL: "Adsorption of fluoride, phosphate and arsenate ions on lanthanum-impregnated silica	
	AA	gel" WATER ENVIRONMENT RESEARCH, vol. 68, no. 3, 1996, pages 295-300, XP0000596669	
	BB	WASAY ET AL: "Removal of Hazardous Anions from Aqueous Solutions by La(III)- and Y(III)-Impregnated	
	BB	Alumina" SEPARATION SCIENCE AND TECHNOLOGY, vol. 31, no. 10, 1996, pages 1501-1514, XP009023347	
	CC	WIDENMEYER M ET AL: "TiOx overlayers on MCM-48 silica by consecutive grafting" MICROPOROUS AND MESO-	
	CC	POROUS MATERIALS, ELSEVIER SCIENCE PUBLISHING, NY, US, vol. 44-45, 4-6-01, pp. 327-336, XP004247164	
	DD	JAENICKE S ET AL: "Organic-inorganic hybrid catalysts for acid- and base-catalyzed reactions" MICRO-	
	DD	POROUS AND MESOPOROUS MATERIALS, ELSEVIER SCIENCE PUBLISHING, NY, US, vol. 35-36, 4-00, pp. 143-153	
	EE	ZHANG ET AL: "Synthesis and Properties of Fe ₂ O ₃ nanoclusters within Mesoporous Aluminosilicate	
	EE	Matrices" J. PHYS. CHEM. B, vol. 105, 2001, pages 7414-7423, XP002265909	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/664,300

Filing Date September 17, 2003

First Named Inventor Park et al.

Art Unit 1723

Examiner Name not assigned

Attorney Docket Number 282.028

Sheet 2 of 3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	FF	SHEINTUCH ET AL: "Abatement of Pollutants by Adsorption and oxidative Catalytic Regeneration" IND.	
	FF	ENG. CHEM. RES., vol. 36, 1997, pages 4374-4380, XP002265910	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/664,300
Filing Date	September 17, 2003
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Art Unit	1723
Examiner Name	not assigned
Attorney Docket Number	282.028

Sheet 3 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	GG	US- 5,841,012	11-24-1998	Idriss et al.	col. 2, para. 3
	HH	US-			
	II	US-			
	JJ	US-			
	KK	US-			
	LL	US-			
	MM	US-			
	NN	US-			
	OO	US-			
	PP	US-			
	QQ	US-			
	RR	US-			
	SS	US-			
	TT	US-			
	UU	US-			
	VV	US-			
	W	US-			
	XX	US-			
	YY	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	ZZ	WO 02 12132 A	02-14-2002	Procter & Gambl		<input checked="" type="checkbox"/>
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